

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10669512 on April 04, 2006

- 13 714/755 (10 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
                   DETECTION/RECOVERY  
       714/699 PULSE OR DATA ERROR HANDLING  
       714/746 .Digital data error correction  
       714/752 ..Forward correction by block code  
       714/755 ...Double encoding codes (e.g., product,  
                   concatenated)
- 6 714/761 (2 OR, 4 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
                   DETECTION/RECOVERY  
       714/699 PULSE OR DATA ERROR HANDLING  
       714/746 .Digital data error correction  
       714/752 ..Forward correction by block code  
       714/761 ...Random and burst error correction
- 5 714/781 (3 OR, 2 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
                   DETECTION/RECOVERY  
       714/699 PULSE OR DATA ERROR HANDLING  
       714/746 .Digital data error correction  
       714/752 ..Forward correction by block code  
       714/781 ...Code based on generator polynomial
- 5 714/782 (0 OR, 5 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
                   DETECTION/RECOVERY  
       714/699 PULSE OR DATA ERROR HANDLING  
       714/746 .Digital data error correction  
       714/752 ..Forward correction by block code  
       714/781 ...Code based on generator polynomial  
       714/782 ....Bose-Chaudhuri-Hocquenghem code
- 4 714/752 (3 OR, 1 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
                   DETECTION/RECOVERY  
       714/699 PULSE OR DATA ERROR HANDLING  
       714/746 .Digital data error correction  
       714/752 ..Forward correction by block code
- 4 714/762 (2 OR, 2 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
                   DETECTION/RECOVERY  
       714/699 PULSE OR DATA ERROR HANDLING  
       714/746 .Digital data error correction  
       714/752 ..Forward correction by block code  
       714/762 ...Burst error correction
- 4 714/774 (1 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
                   DETECTION/RECOVERY  
       714/699 PULSE OR DATA ERROR HANDLING  
       714/746 .Digital data error correction  
       714/752 ..Forward correction by block code  
       714/774 ...Adaptive error-correcting capability
- 4 714/784 (1 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT

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714/699 DETECTION/RECOVERY  
 714/746 PULSE OR DATA ERROR HANDLING  
 714/752 .Digital data error correction  
 714/781 ..Forward correction by block code  
 714/784 ...Code based on generator polynomial  
 ....Reed-Solomon code

3 341/50 (3 OR, 0 XR)  
 Class 341 : CODED DATA GENERATION OR CONVERSION  
 341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS

3 714/701 (0 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/701 .Data formatting to improve error detection  
 correction capability

3 714/756 (1 OR, 2 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/752 ..Forward correction by block code  
 714/755 ...Double encoding codes (e.g., product,  
 concatenated)  
 714/756 ....Cross-interleave Reed-Solomon code (CIRC)

3 714/758 (0 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/752 ..Forward correction by block code  
 714/758 ...Error correcting code with additional error  
 detection code (e.g., cyclic redundancy character,

parity)

3 714/776 (0 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/752 ..Forward correction by block code  
 714/776 ...For packet or frame multiplexed data

3 714/786 (0 OR, 3 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/699 PULSE OR DATA ERROR HANDLING  
 714/746 .Digital data error correction  
 714/786 ..Forward error correction by tree code (e.g.,  
 convolutional)

2 341/57 (2 OR, 0 XR)  
 Class 341 : CODED DATA GENERATION OR CONVERSION  
 341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS  
 341/56 .To or from multi-level codes  
 341/57 ..Binary to or from ternary

2 341/58 (0 OR, 2 XR)

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- Class 341 : CODED DATA GENERATION OR CONVERSION  
341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS  
341/58 .To or from minimum d.c. level codes
- 2 360/48 (2 OR, 0 XR)  
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL  
360/39 GENERAL PROCESSING OF A DIGITAL SIGNAL  
360/48 .Data in specific format
- 2 360/49 (0 OR, 2 XR)  
Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL  
360/39 GENERAL PROCESSING OF A DIGITAL SIGNAL  
360/49 .Address coding
- 2 714/15 (0 OR, 2 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING  
714/1 .Reliability and availability  
714/2 ..Fault recovery  
714/15 ...State recovery (i.e., process or data file)
- 2 714/746 (1 OR, 1 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction
- 2 714/747 (1 OR, 1 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/747 ..Substitution of previous valid data
- 2 714/751 (1 OR, 1 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/748 ..Request for retransmission  
714/751 ...Including forward error correction  
capability
- 2 714/757 (2 OR, 0 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/752 ..Forward correction by block code  
714/757 ...Parallel generation of check bits
- 2 714/759 (0 OR, 2 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/752 ..Forward correction by block code  
714/759 ...Look-up table encoding or decoding

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- 2 714/777 (1 OR, 1 XR)
  - Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY
  - 714/699 PULSE OR DATA ERROR HANDLING
  - 714/746 .Digital data error correction
  - 714/752 ..Forward correction by block code
  - 714/777 ...Hamming code
- 2 714/779 (1 OR, 1 XR)
  - Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY
  - 714/699 PULSE OR DATA ERROR HANDLING
  - 714/746 .Digital data error correction
  - 714/752 ..Forward correction by block code
  - 714/779 ...Variable length data
- 2 714/780 (0 OR, 2 XR)
  - Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY
  - 714/699 PULSE OR DATA ERROR HANDLING
  - 714/746 .Digital data error correction
  - 714/752 ..Forward correction by block code
  - 714/780 ...Using symbol reliability information (e.g.,  
soft decision)
- 2 714/787 (0 OR, 2 XR)
  - Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY
  - 714/699 PULSE OR DATA ERROR HANDLING
  - 714/746 .Digital data error correction
  - 714/786 ..Forward error correction by tree code (e.g.,  
convolutional)
  - 714/787 ...Random and burst errors
- 2 714/793 (1 OR, 1 XR)
  - Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY
  - 714/699 PULSE OR DATA ERROR HANDLING
  - 714/746 .Digital data error correction
  - 714/786 ..Forward error correction by tree code (e.g.,  
convolutional)
  - 714/793 ...Syndrome decodable (e.g., self orthogonal)